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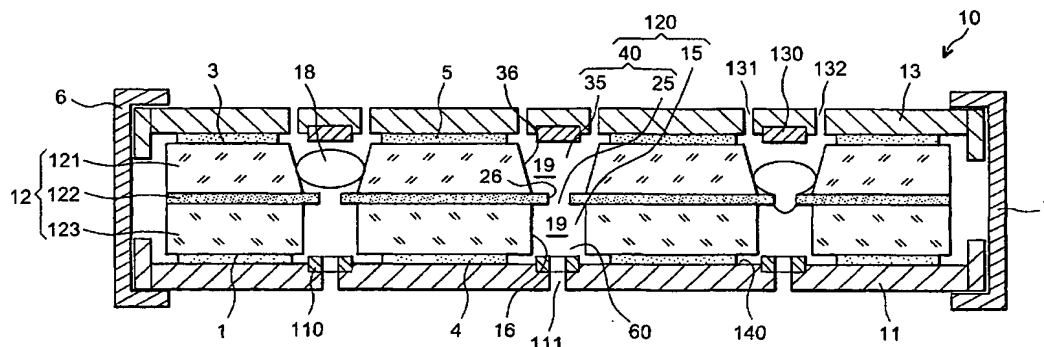
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: DEVICE FOR MEASURING THE ELECTRICAL ACTIVITY OF BIOLOGICAL ELEMENTS AND ITS APPLICATIONS



(57) Abstract: The invention relates to a device for measuring the electrical activity of biological elements, comprising a substrate (12) which has lower and upper faces and at least one through opening (120), said opening being delimited by a set of walls, and characterized in that: it comprises two plates (11, 13) placed on either side of the lower and upper faces of the substrate and delimiting with said set of walls a chamber (19); each of the plates is provided, on its face lying opposite the substrate, with at least one electrode (110, 130) facing the opening in the substrate; each of the plates further has at least one channel that starts inside said chamber and connects the latter to the outside of the device; and the chamber communicates with the outside of the device only through said channels.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97/16726 A (CHIRON DIAGNOSTICS CORP ;SULLIVAN KEVIN J (US)) 9 May 1997 (1997-05-09) page 3, line 28 - page 5, line 26; figure 1	1
A	US 5 643 742 A (HUBER OSKAR WERNER ET AL) 1 July 1997 (1997-07-01) abstract column 4, line 1 - line 57; figures 1-3	1-42
A	US 6 315 940 B1 (EGERT ULRICH ET AL) 13 November 2001 (2001-11-13) abstract column 5, line 52 - column 8, line 23; figures 1-3	1-42

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Information on patent family members

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